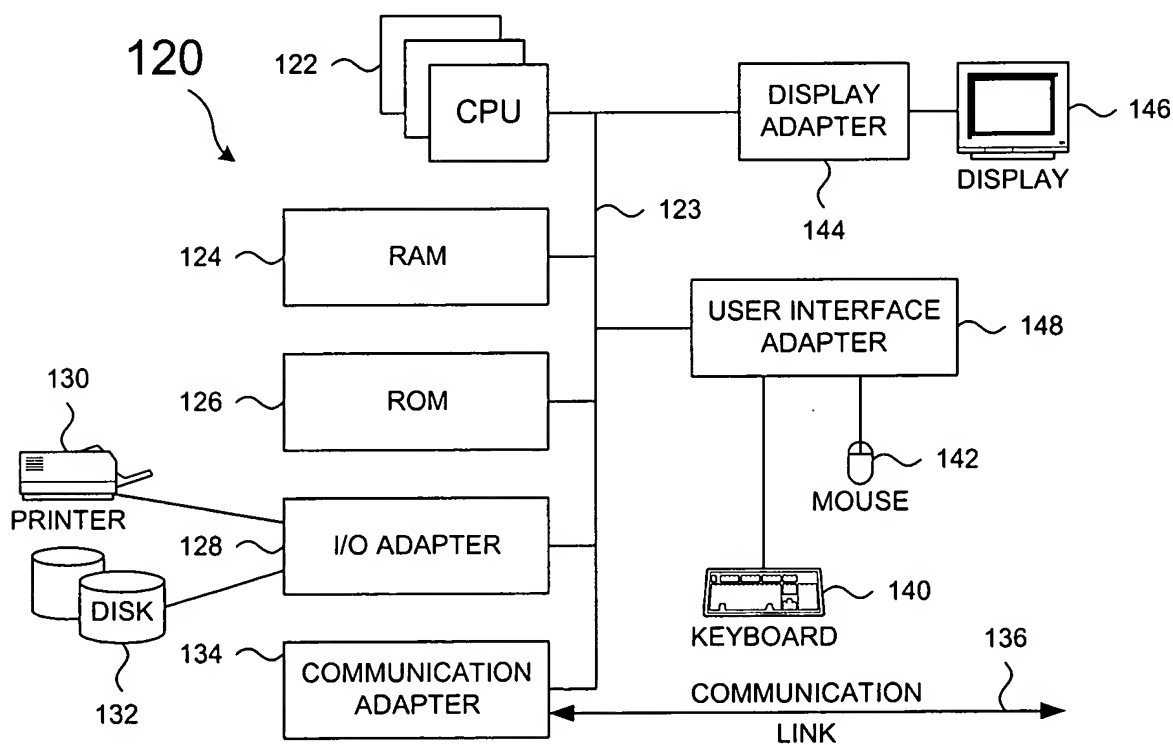
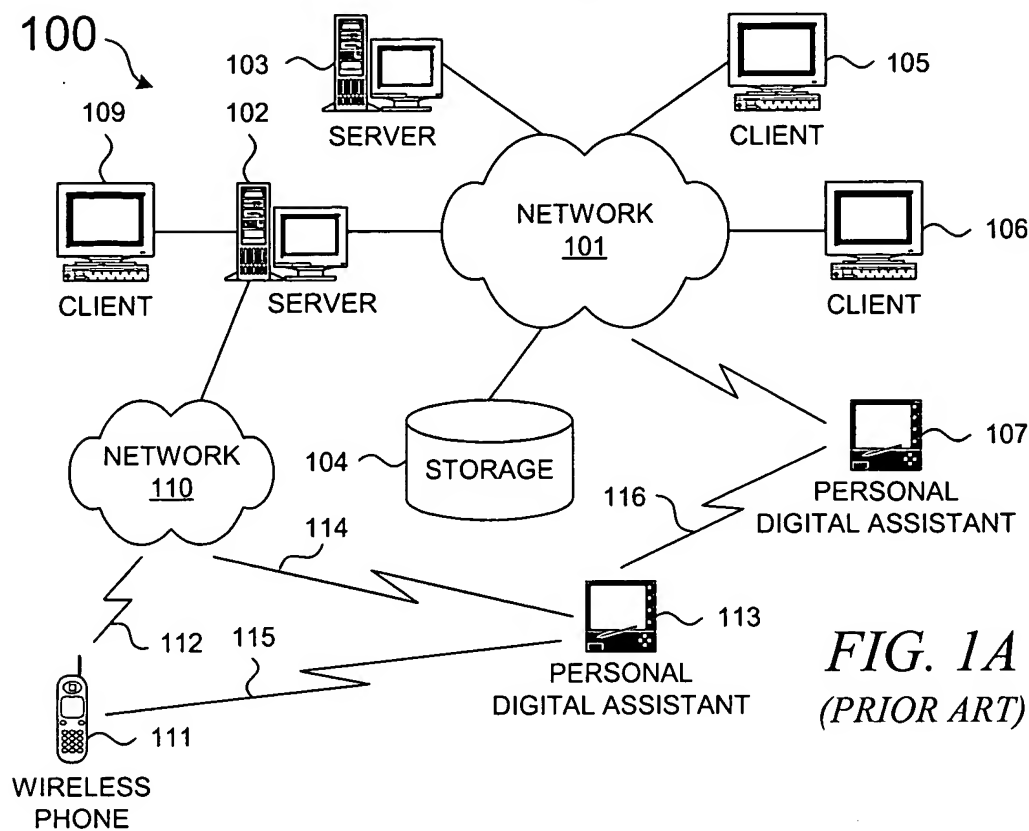


Method and system for a grid-enabled virtual machine with movable objects

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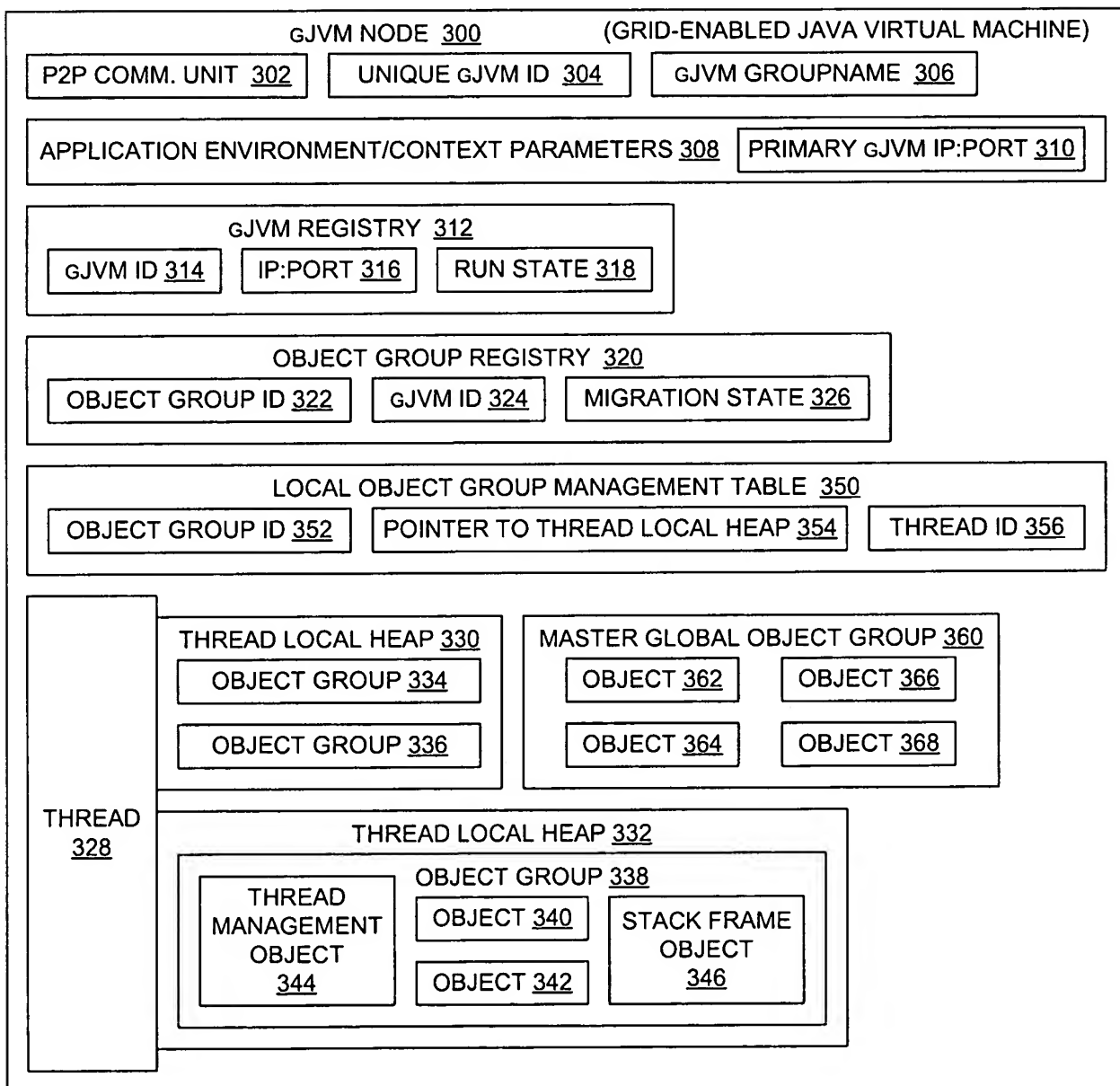
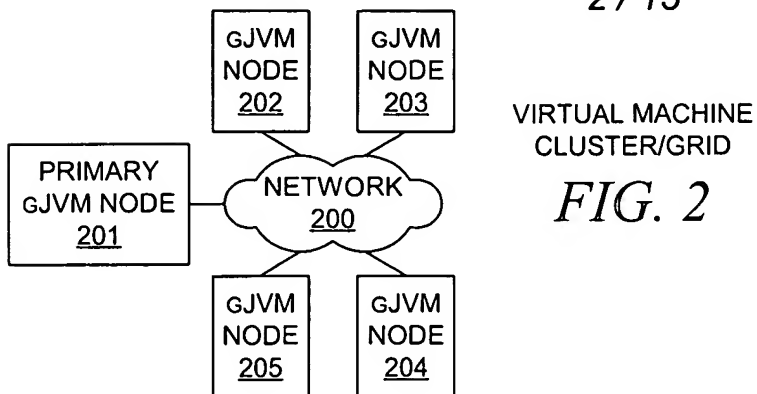
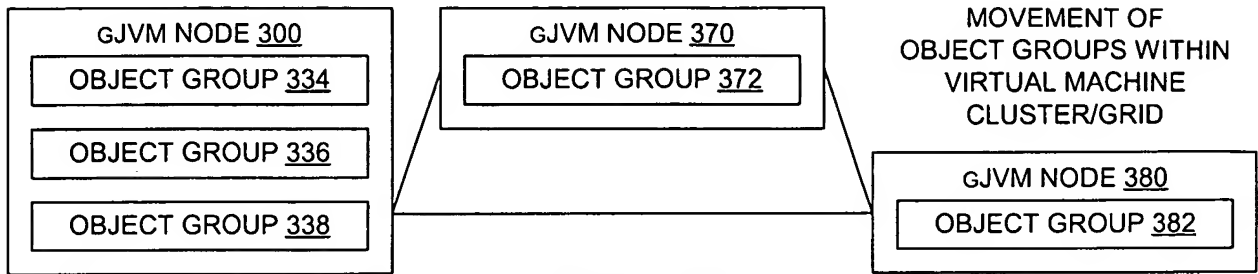
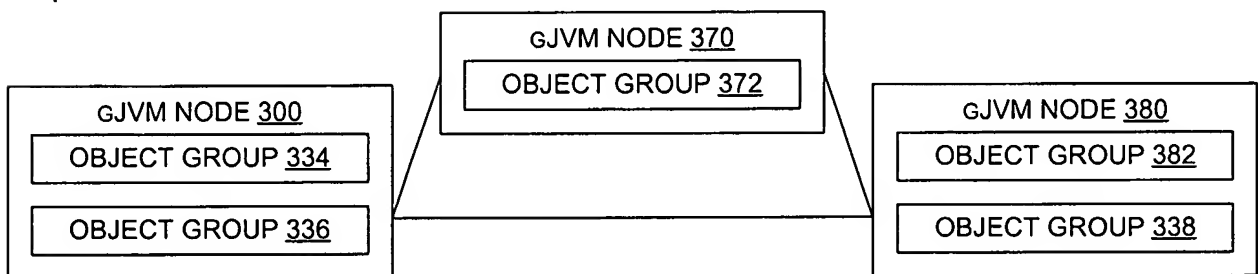
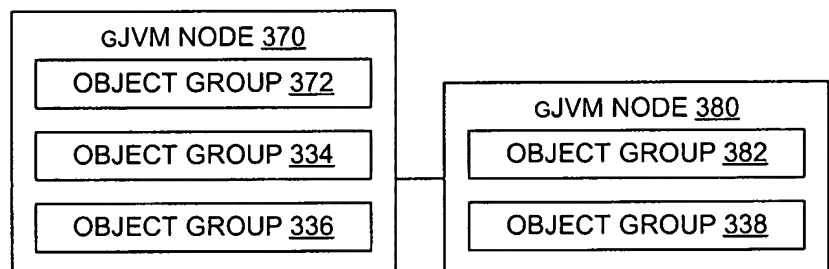


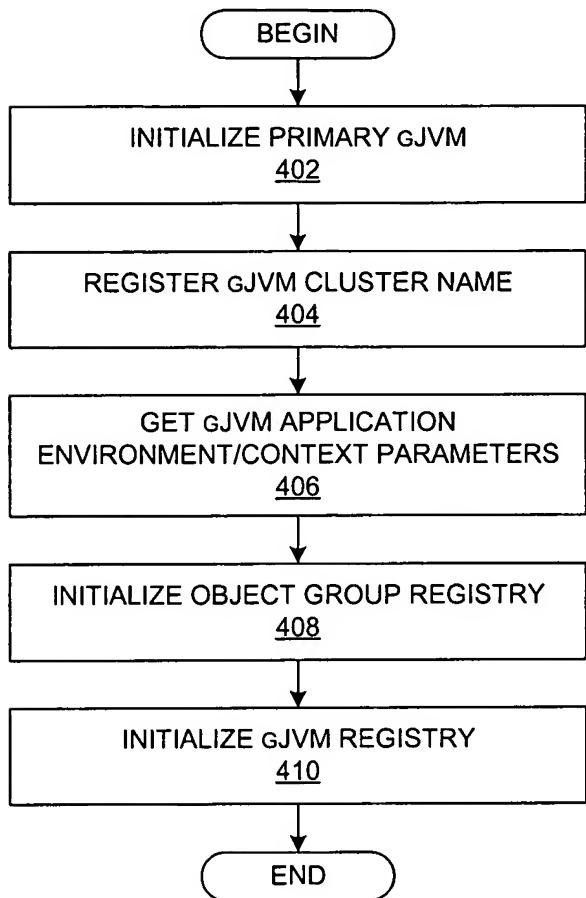
FIG. 3A

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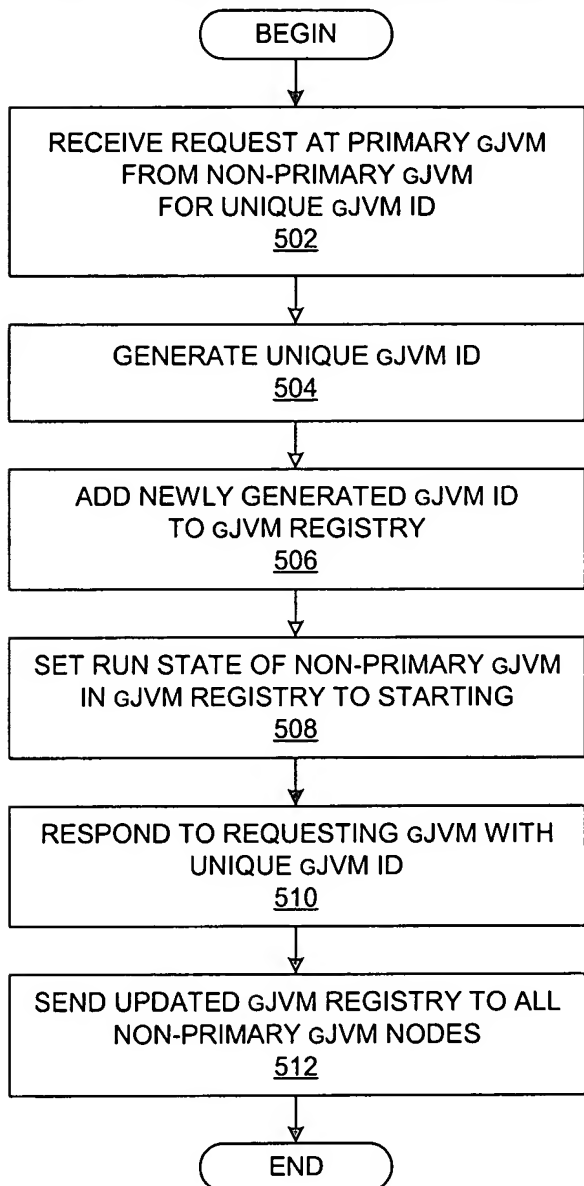
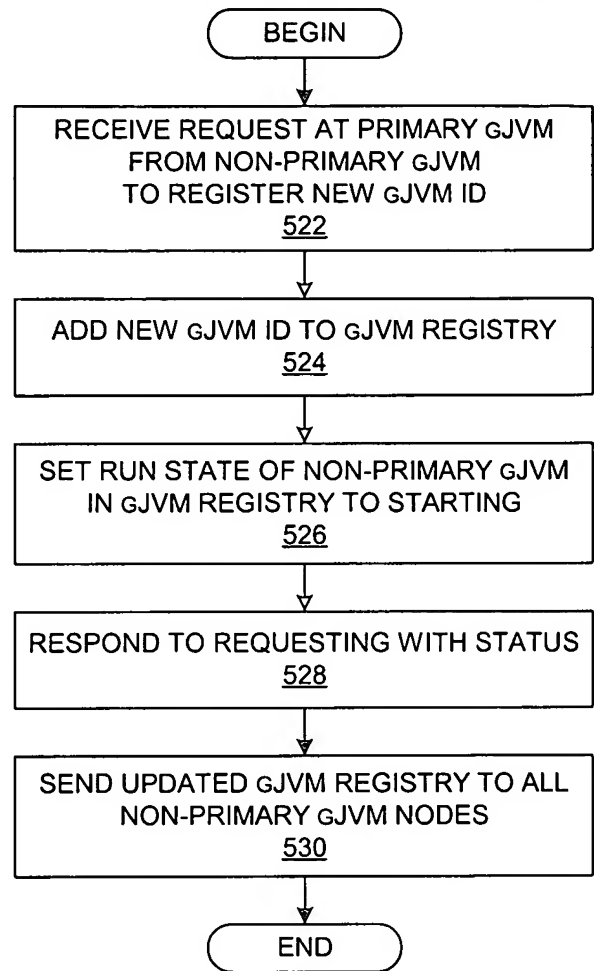
*FIG. 3B**FIG. 3C**FIG. 3D*

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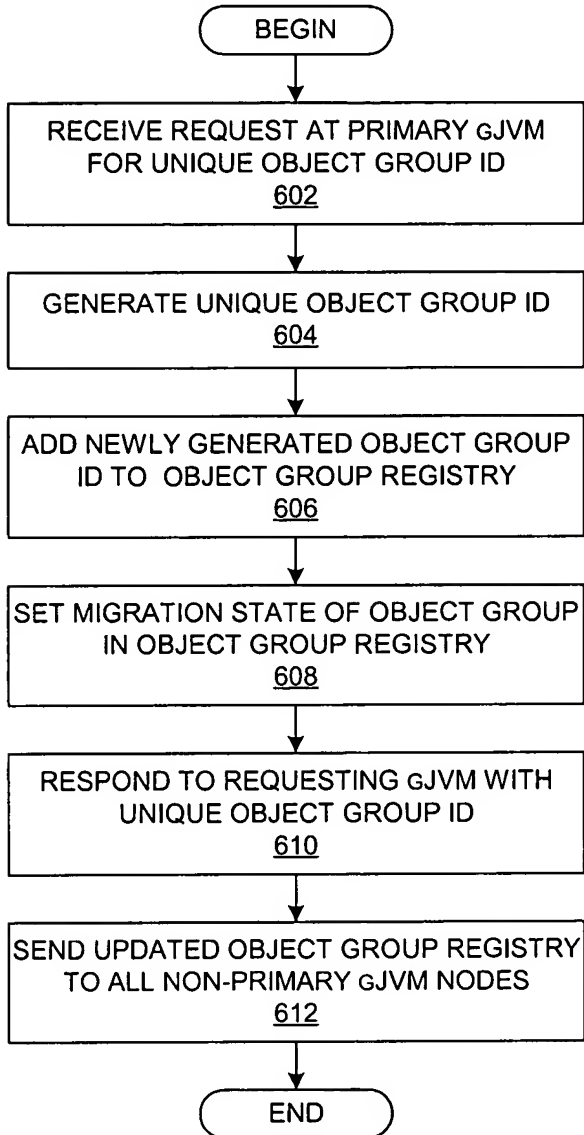
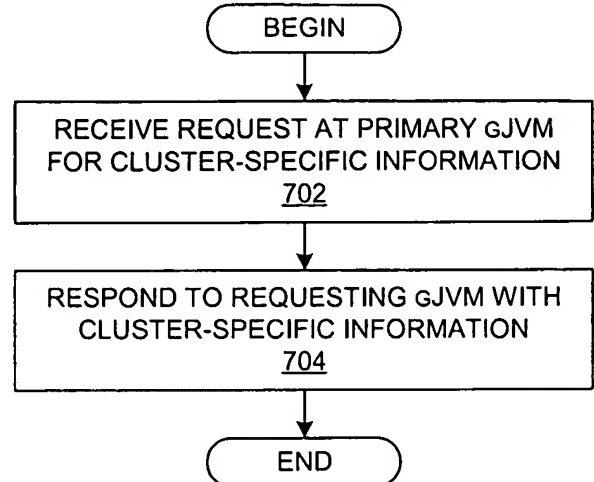
## INITIALIZATION OF PRIMARY GJVM NODE

*FIG. 4*

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ALLOCATION OF UNIQUE ID TO  
NON-PRIMARY GJVM BY PRIMARY GJVM*FIG. 5A*REGISTRATION OF UNIQUE ID FOR  
NON-PRIMARY GJVM BY PRIMARY GJVM*FIG. 5B*

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ALLOCATION OF OBJECT GROUP ID TO  
NON-PRIMARY GJVM BY PRIMARY GJVM*FIG. 6*PROVISION OF CLUSTER-SPECIFIC INFO TO  
NON-PRIMARY GJVM BY PRIMARY GJVM*FIG. 7*

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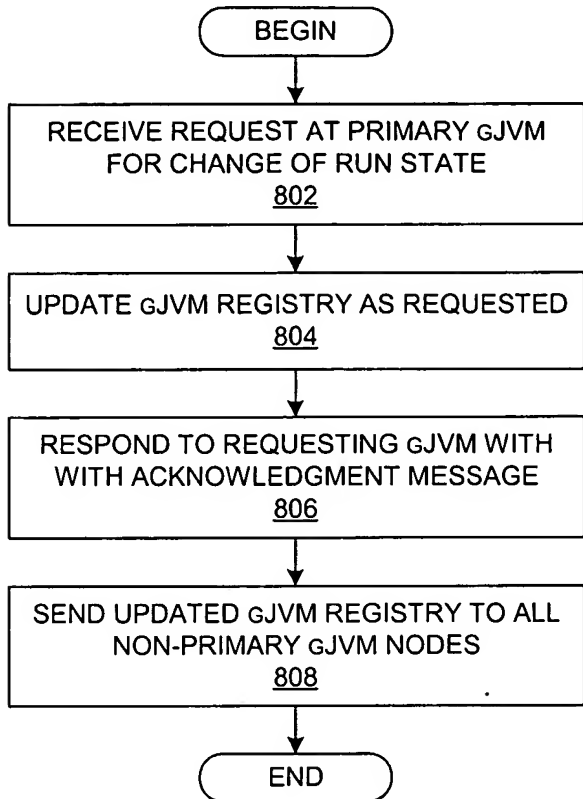
CHANGE OF RUN STATE BY  
NON-PRIMARY gJVM AT PRIMARY gJVM

FIG. 8

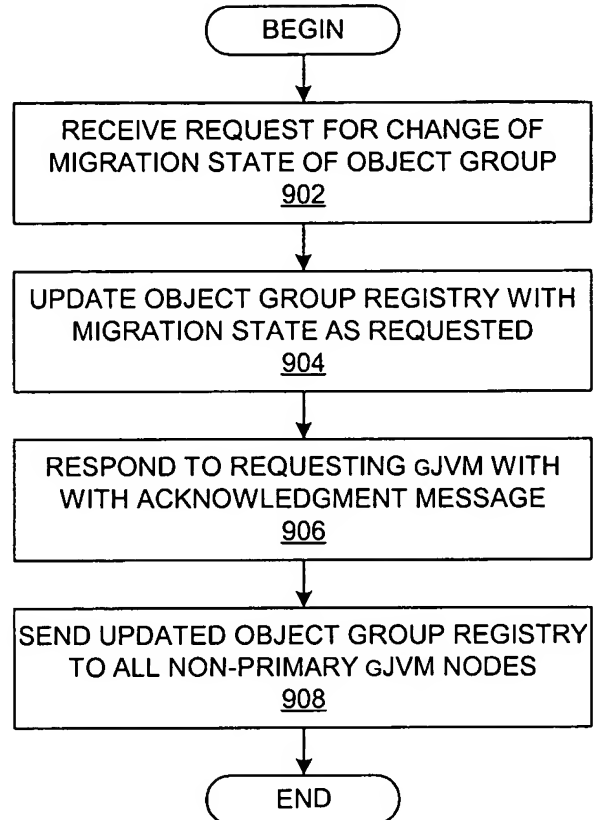
CHANGE OF OBJECT GROUP MIGRATION  
STATE BY NON-PRIMARY gJVM  
AT PRIMARY gJVM

FIG. 9

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## INITIALIZATION OF NON-PRIMARY GJVM NODE

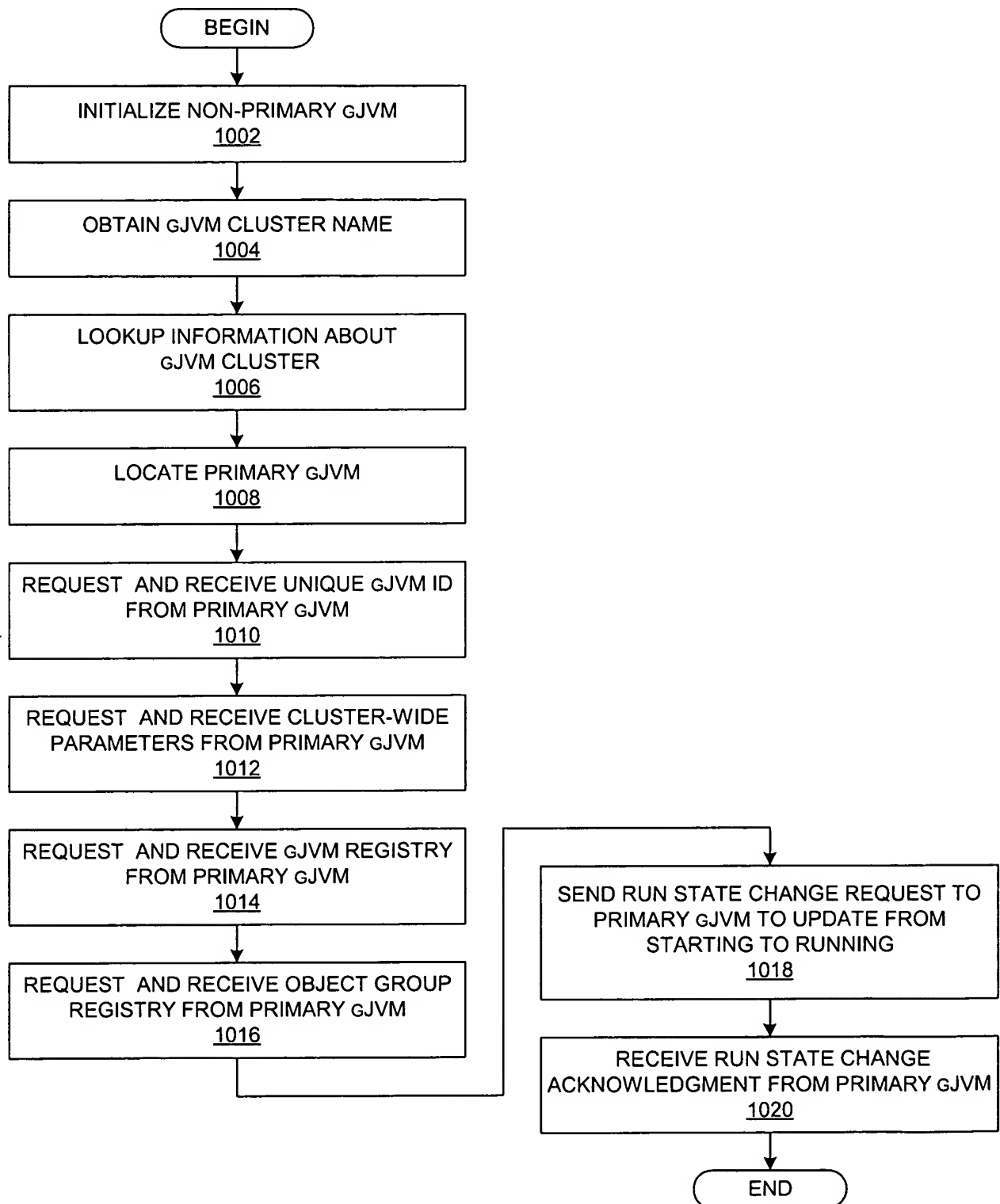
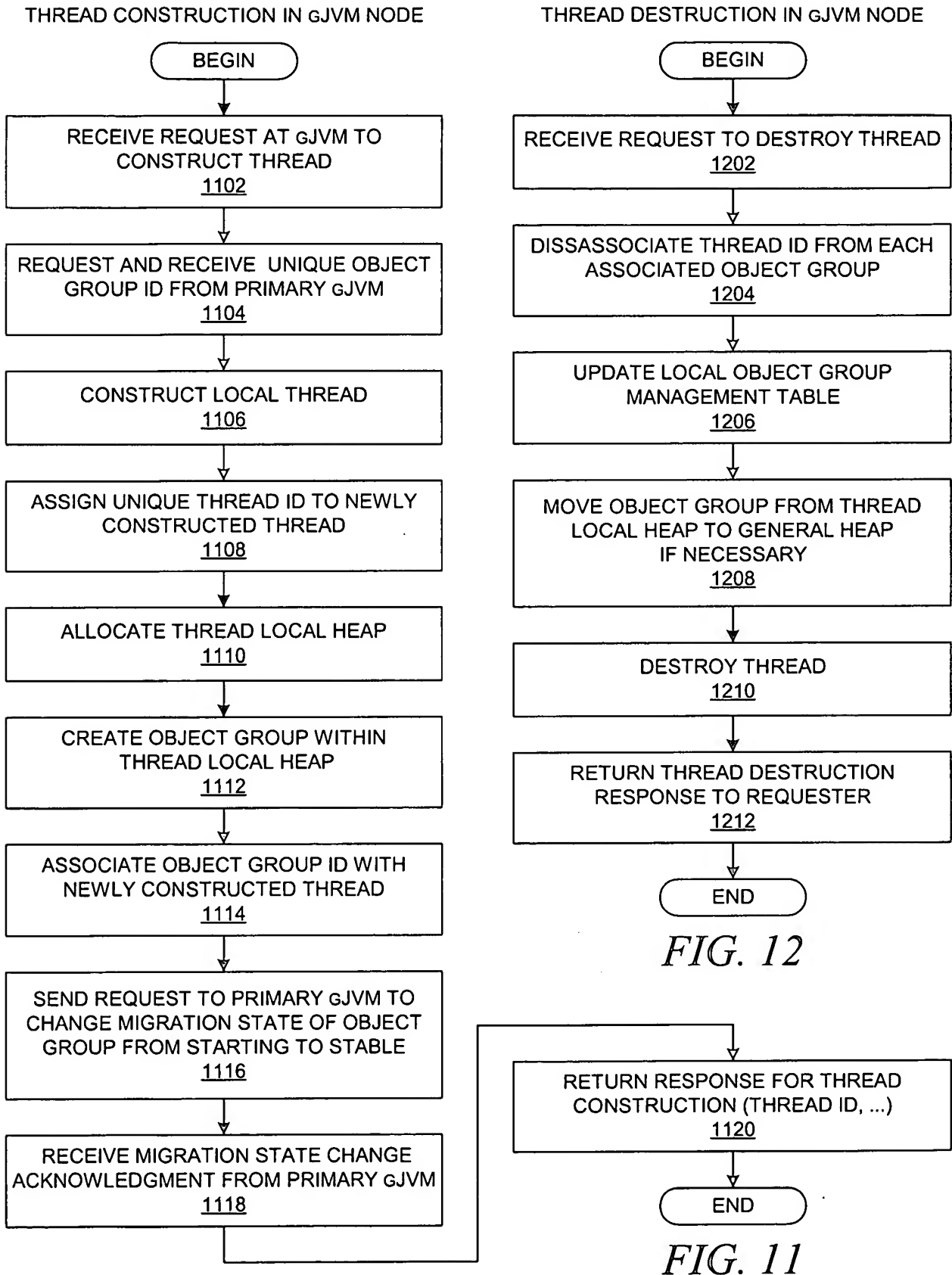


FIG. 10



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## OBJECT ALLOCATION IN gJVM NODE

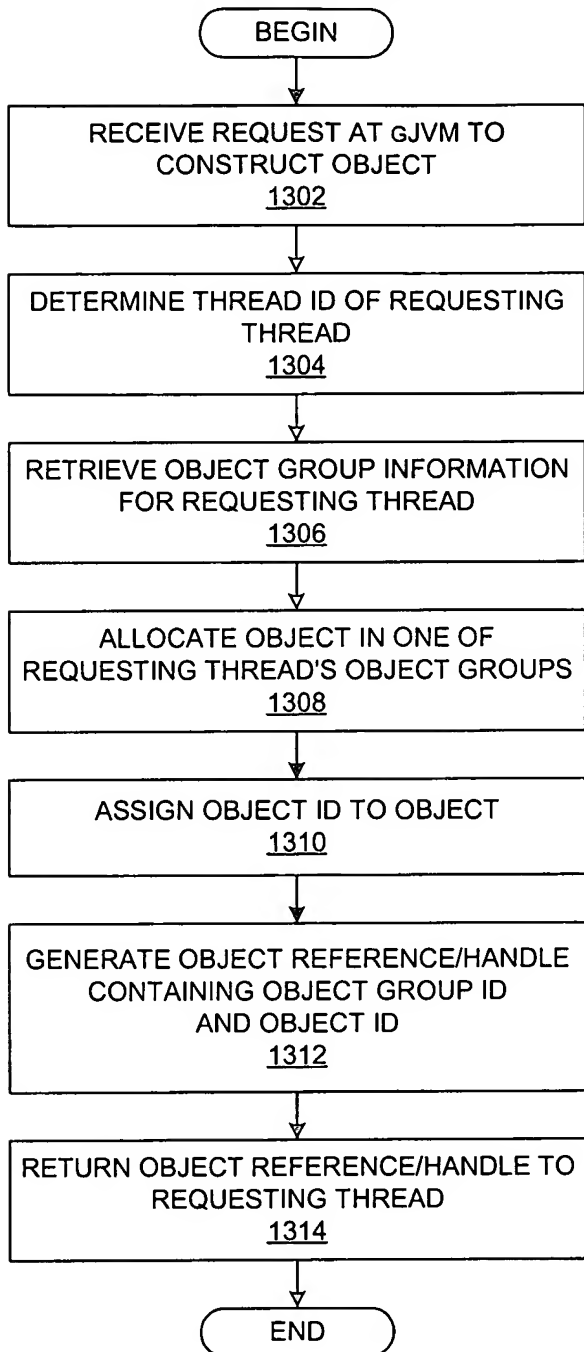


FIG. 13

## OBJECT REFERENCING IN gJVM NODE

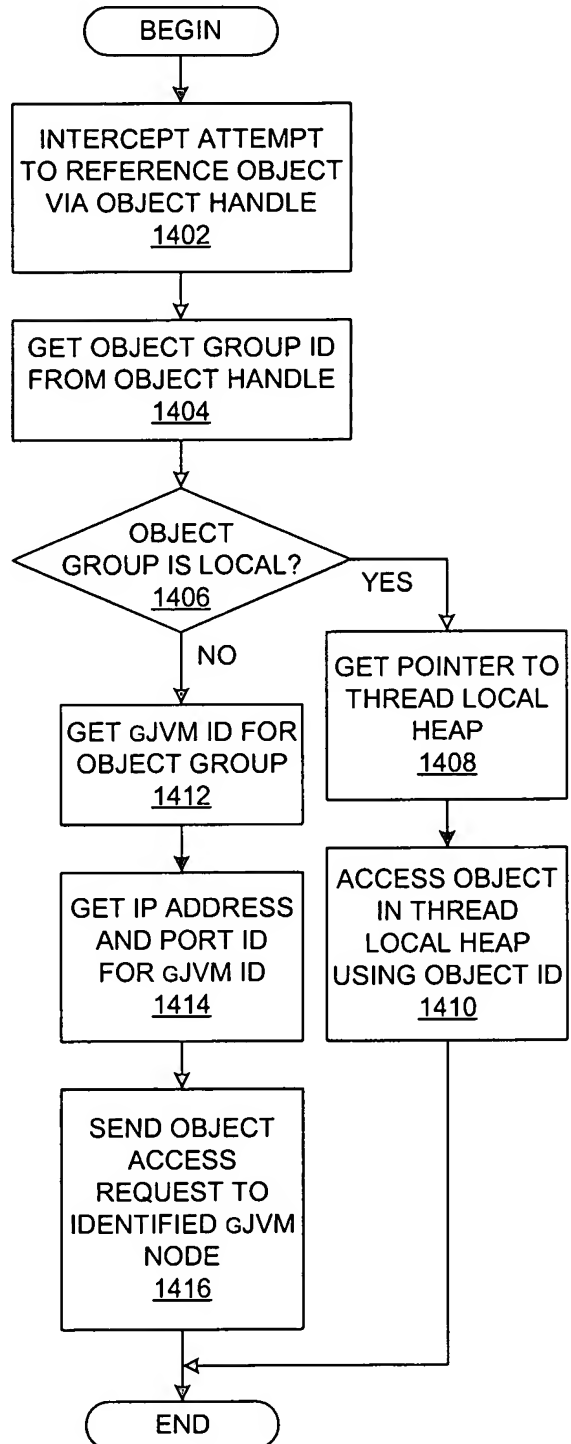


FIG. 14

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## MIGRATION OF OBJECT GROUP FROM gJVM

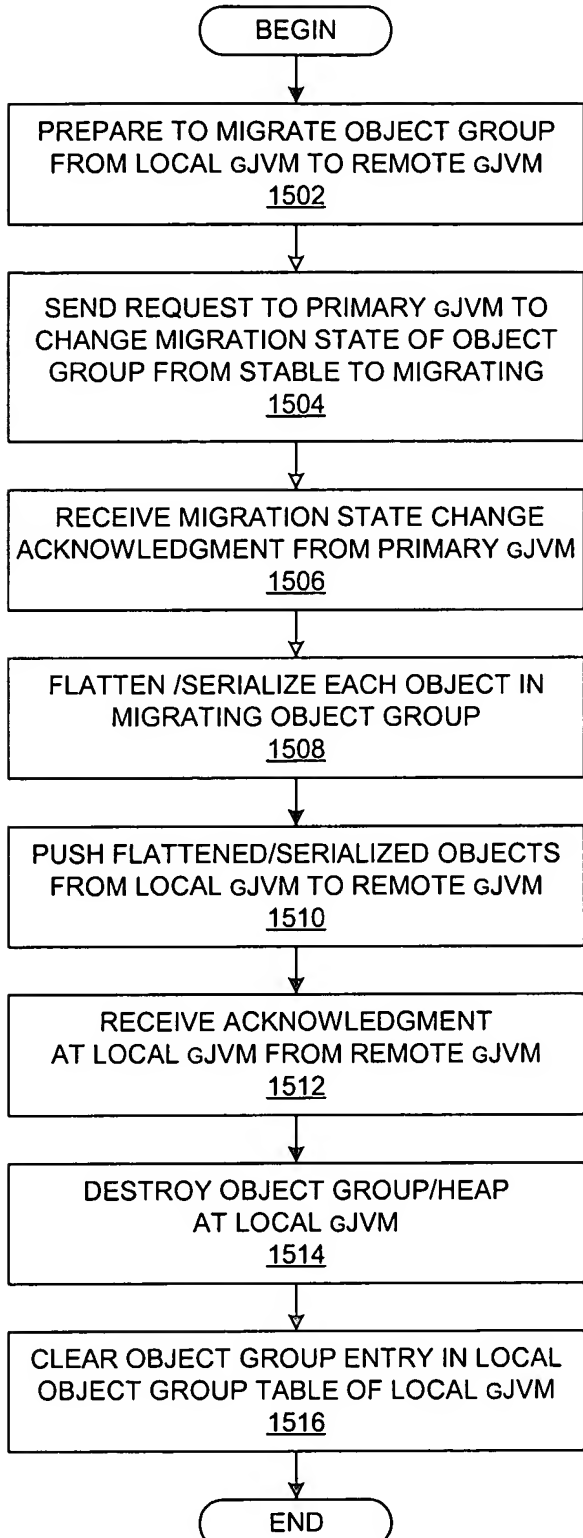


FIG. 15

## MIGRATION OF OBJECT GROUP TO gJVM

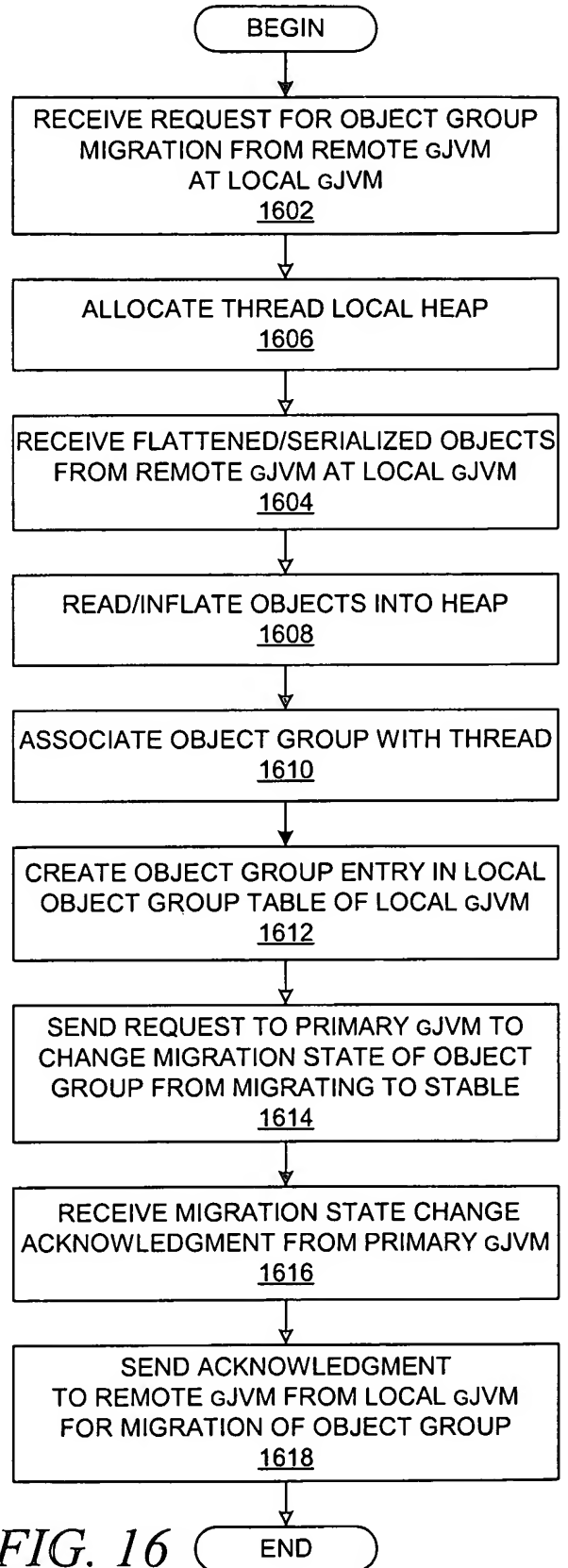


FIG. 16

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## MIGRATION OF THREAD FROM GJVM

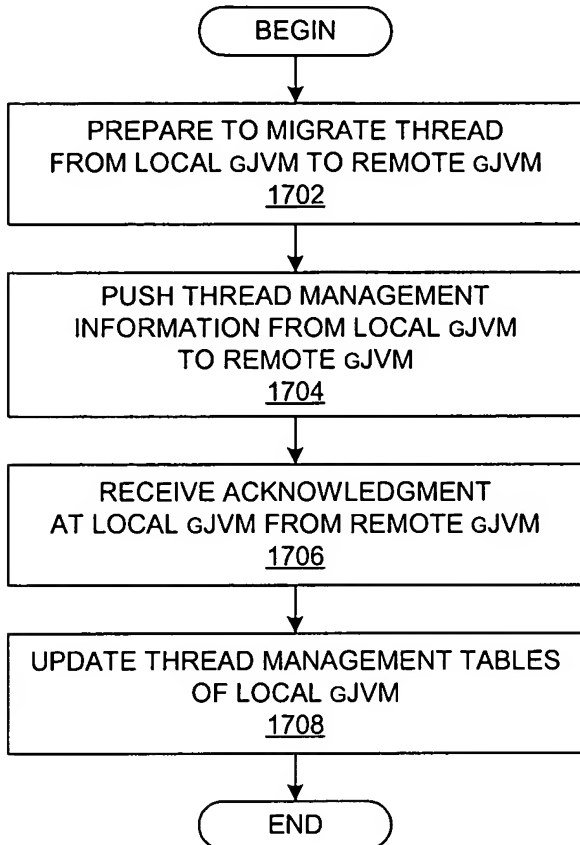


FIG. 17

## MIGRATION OF THREAD TO GJVM

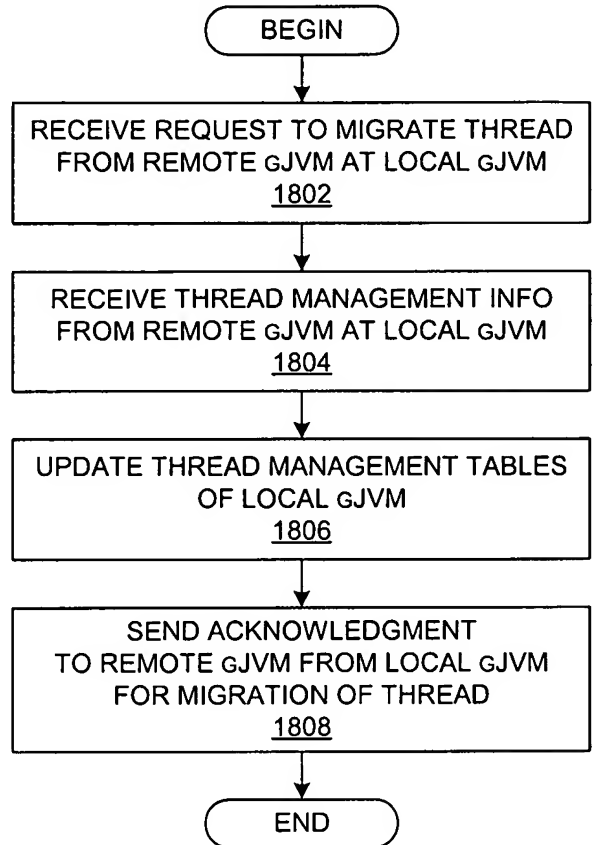


FIG. 18

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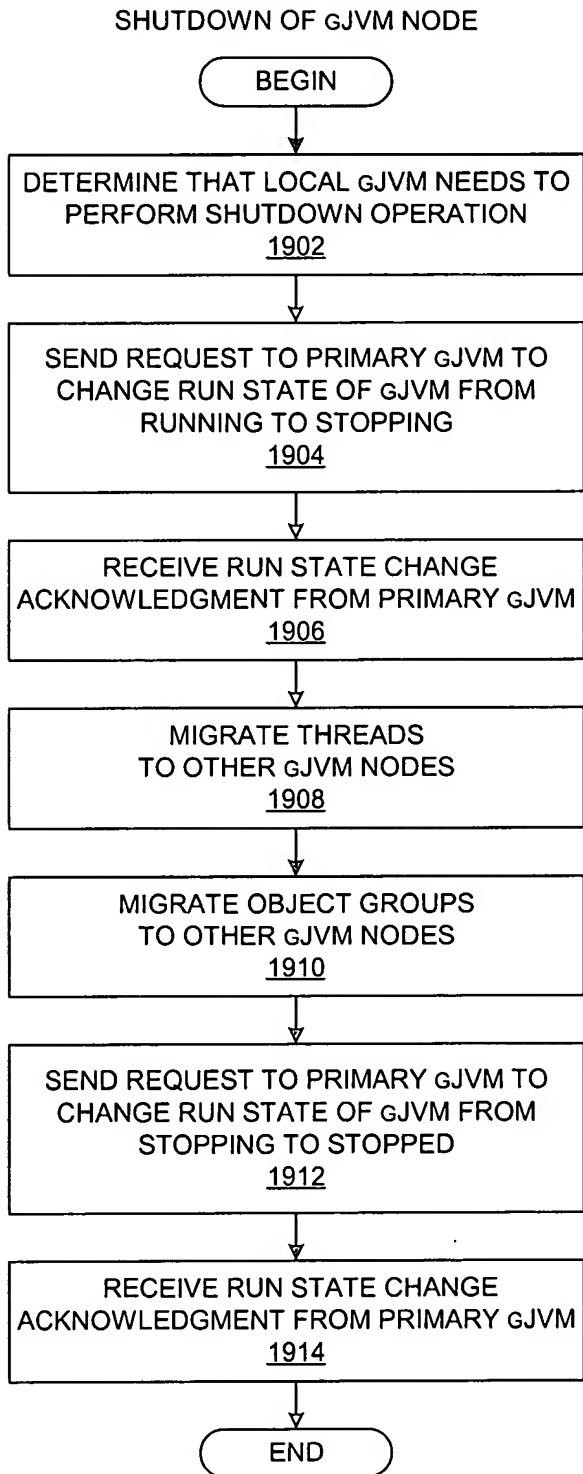


FIG. 19

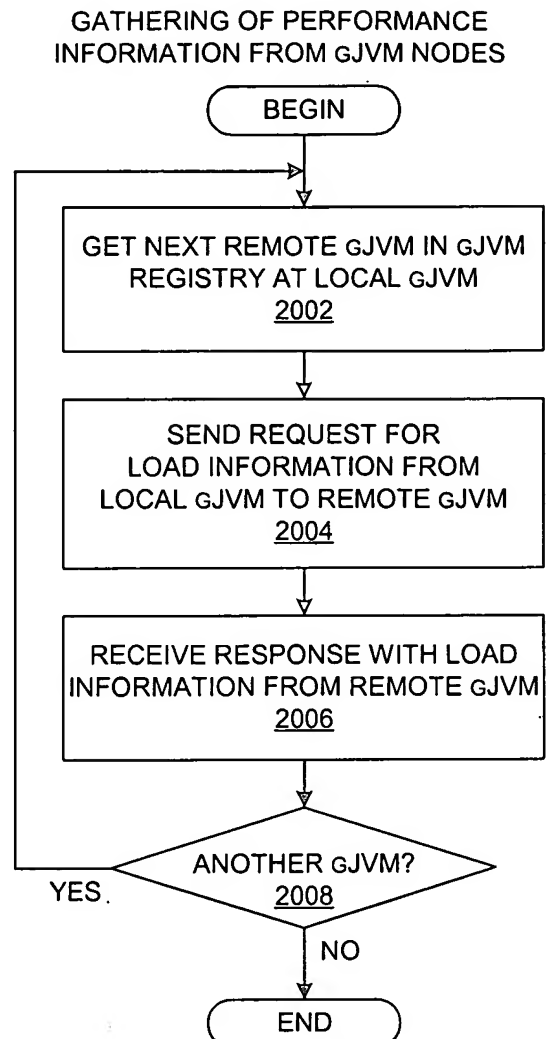


FIG. 20

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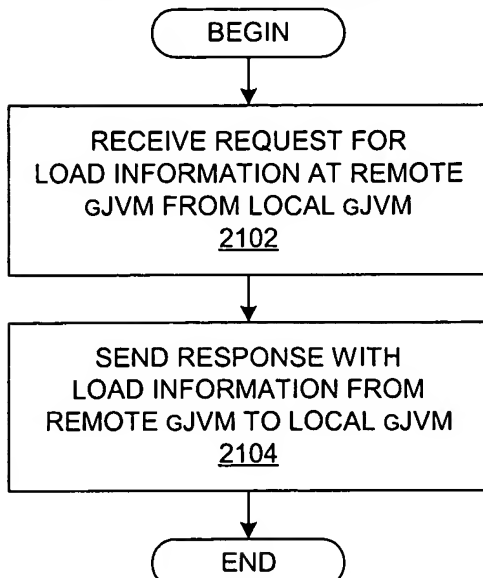
PERFORMANCE INFORMATION  
TRANSFER FROM gJVM NODE

FIG. 21

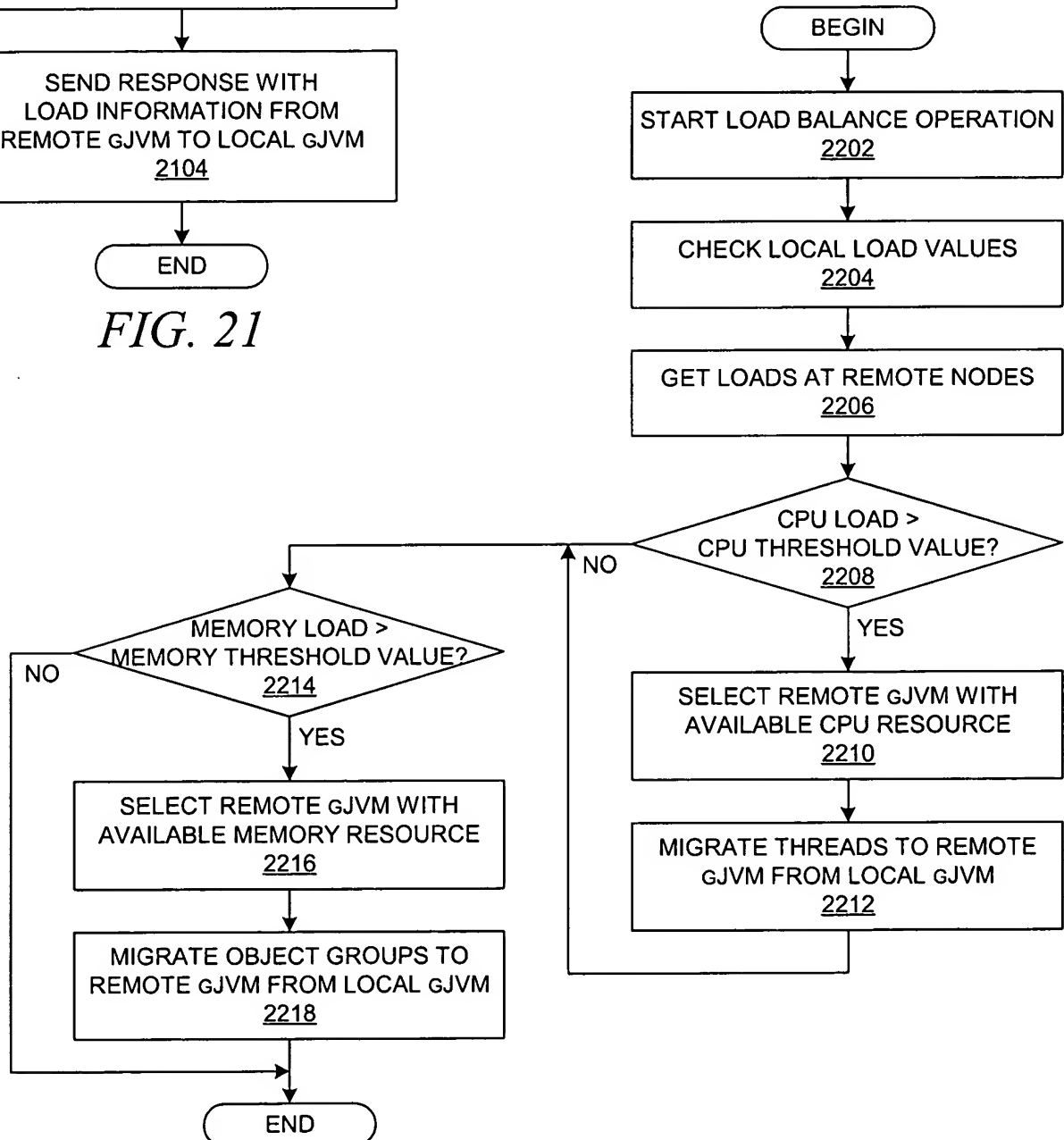
LOAD BALANCING BETWEEN  
gJVM NODES

FIG. 22

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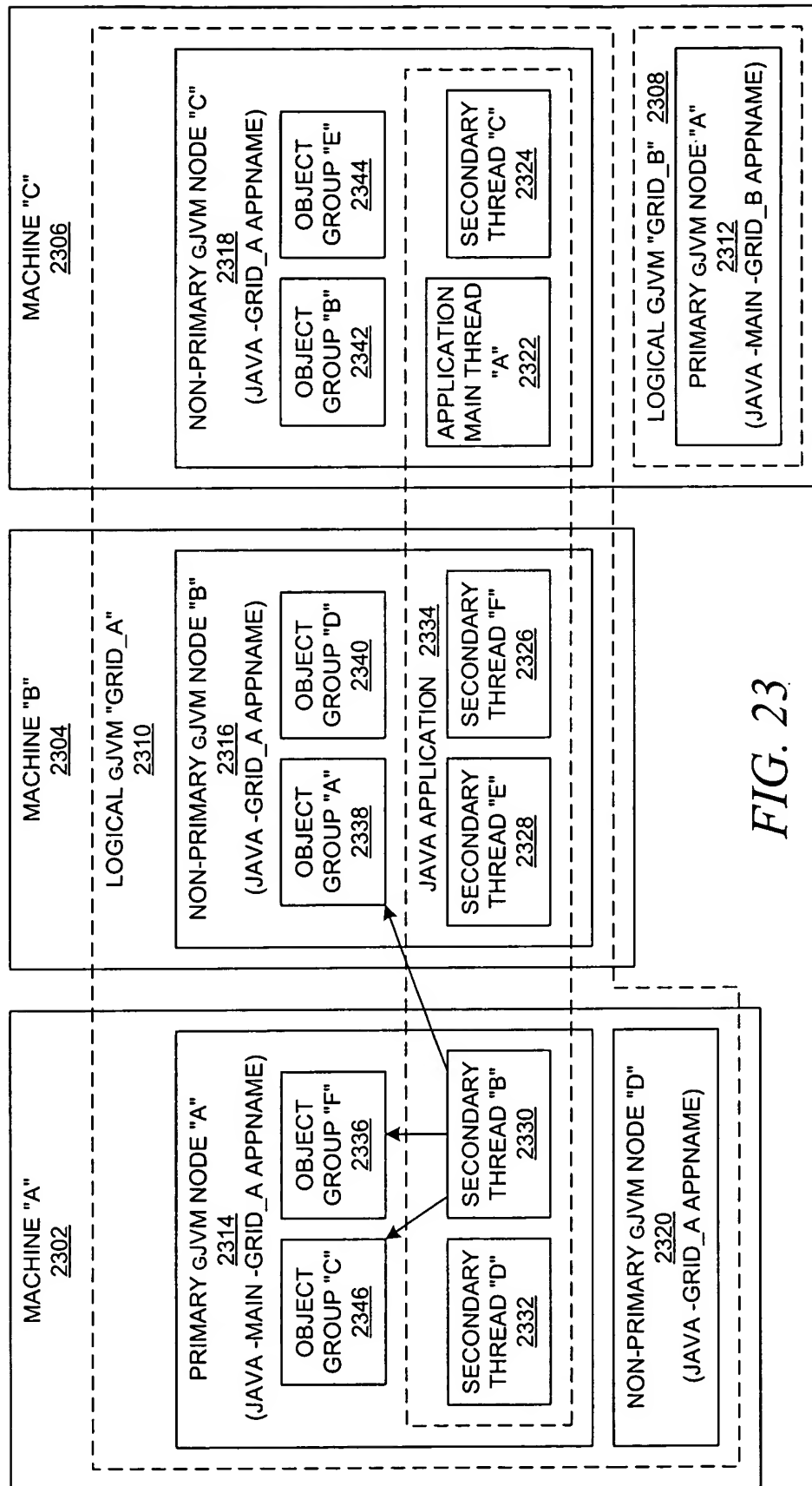


FIG. 23